

AMENDMENTS TO THE CLAIMS

1. (Canceled)

2. (Canceled)

3. (New) A portable telephone in which bugs in the main program of the portable telephone can be corrected, the telephone comprising:

a read only memory in which a main program for the portable telephone is stored;

a volatile memory;

A2 means for loading a patch into the volatile memory, the patch intended to be substituted for a portion of the main program which portion contains a bug; and

means for copying the patch into the volatile memory to create a backup patch to be stored in the read only memory.

4. (New) The portable telephone of claim 3, further comprising means for replacing a portion of the main program which contains the bug with the backup patch.

5. (New) The portable telephone of claim 4, further comprising means for erasing the backup patch after it has replaced the portion of the main program which contained the bug.

6. (New) The portable telephone of claim 3, wherein the main program stored in read only memory is stored in blocks.

7. (New) The portable telephone of claim 6, wherein the main program stored in read only memory is rewritable in units of a block.

8. (New) A portable telephone in which bugs in the main program of the portable telephone can be corrected, the telephone comprising:

a read only memory in which a main program for the portable telephone is stored;

a volatile memory;

means for loading a patch into the volatile memory, the patch being used to correct a bug in the main program; and

means for copying the patch into the volatile memory to create a backup patch, the backup patch being used to correct the bug in the read only memory.

9. (New) A method for correcting bugs in a main program of a portable telephone stored in read only memory, the method comprising:

periodically executing at least a portion of the main program;

A2 loading a patch which corrects a bug in the main program into the volatile memory;

copying the patch into the volatile memory to create a backup patch; and

substituting at least a portion of the main program stored in the read only memory of the telephone with the backup patch.

10. (New) The method according to claim 9, wherein the backup patch is erased after it has replaced the portion of the main program which contained the bug.

11. (New) The method according to claim 9, wherein the patch is transmitted to the portable telephone from a communications network.

12. (New) The method according to claim 9, wherein the patch is transmitted to the portable telephone from a personal computer.

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